

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070189.D
 Acq On : 20 Aug 2021 03:16
 Operator : VA/SY
 Sample : M3449-07
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3

Quant Time: Aug 20 05:50:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

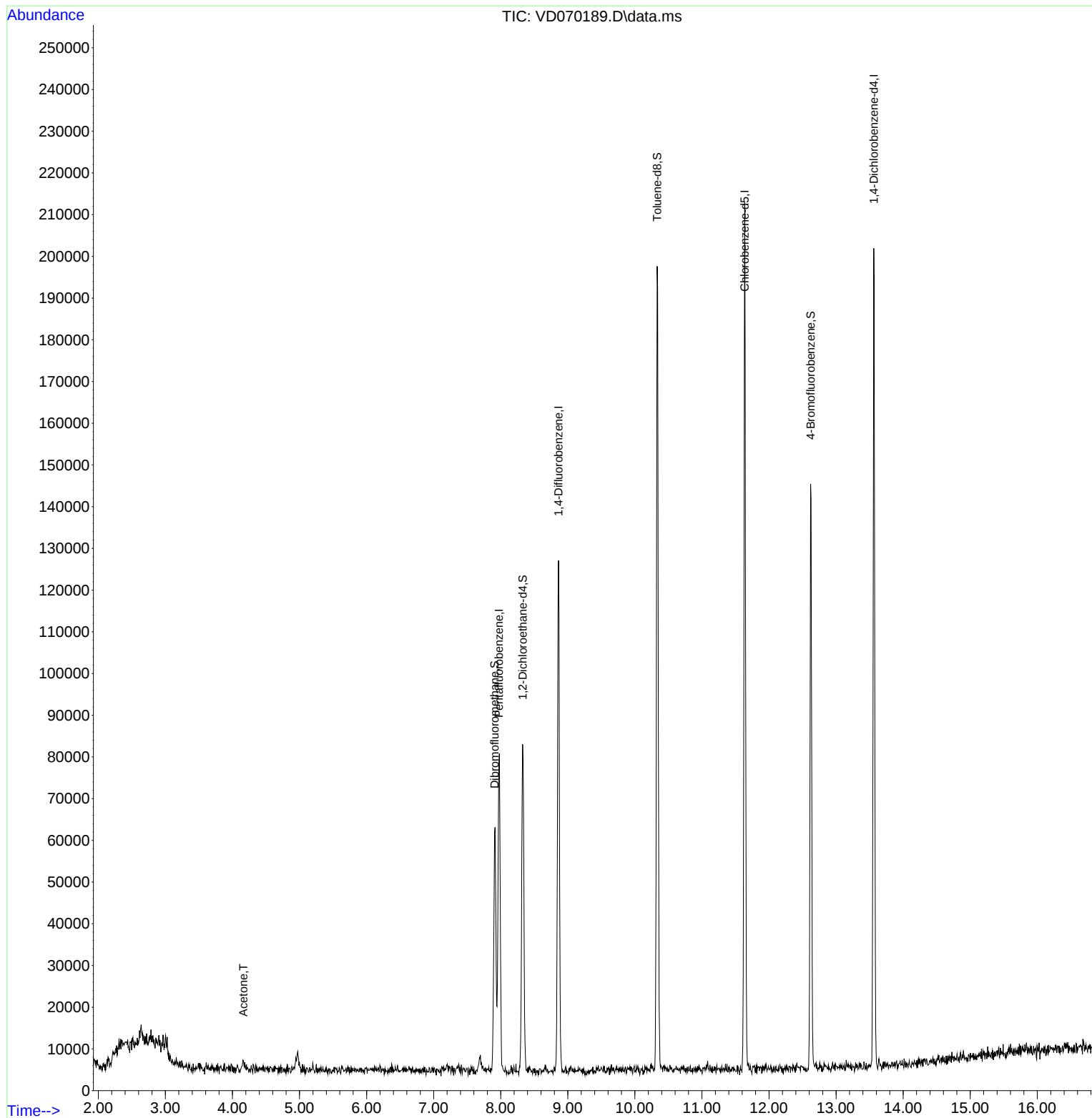
Internal Standards						
1) Pentafluorobenzene	7.973	168	54413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	102217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	116957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	52989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	62497	97.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.300%#	
35) Dibromofluoromethane	7.909	113	41247	62.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.920%	
50) Toluene-d8	10.332	98	136368	53.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.620	95	47007	55.563	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	3400	28.839	ug/l #	77

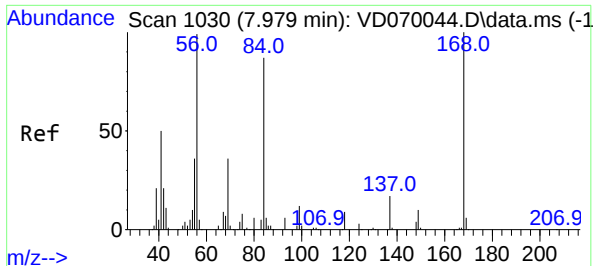
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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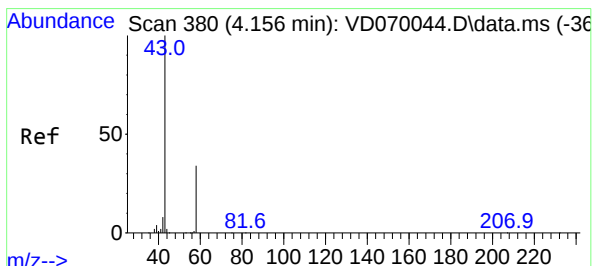
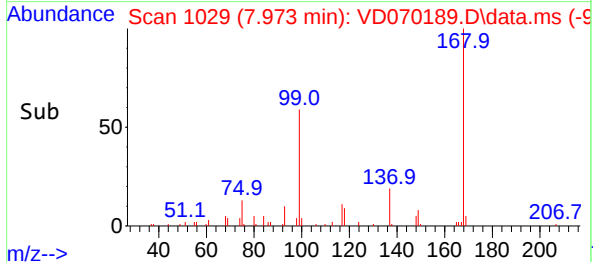
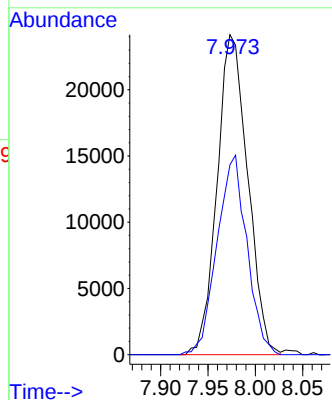
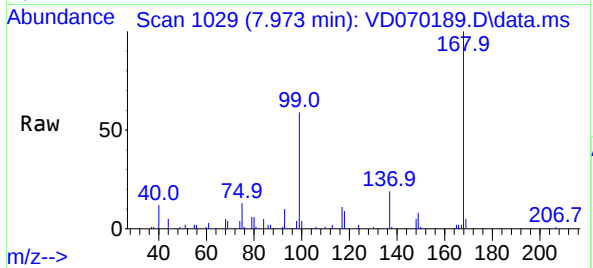




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

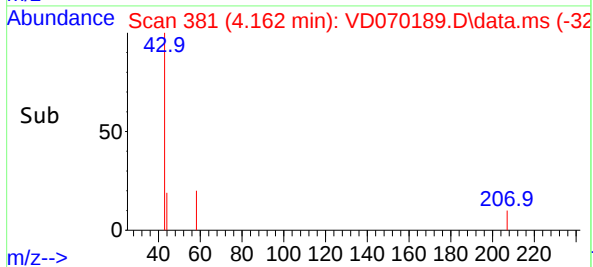
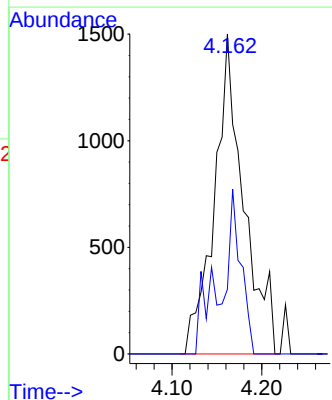
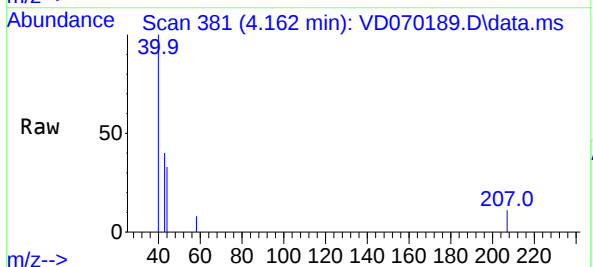
Instrument :
MSVOA_D
ClientSampleId :
TP3

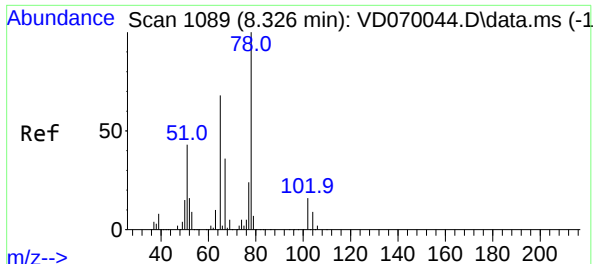
Tgt Ion:168 Resp: 54413
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#16
Acetone
Concen: 28.839 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
58 20.2 26.8 40.2#

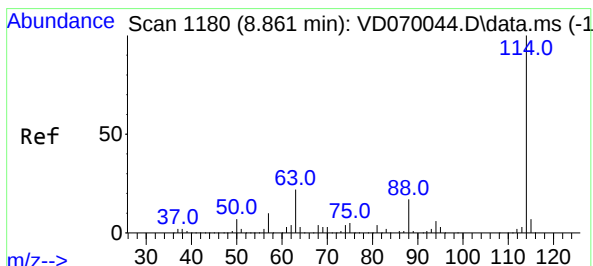
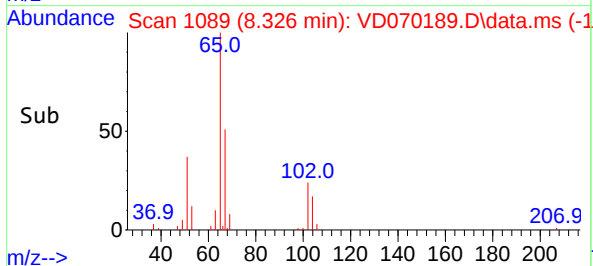
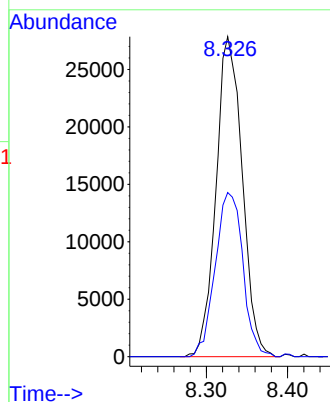
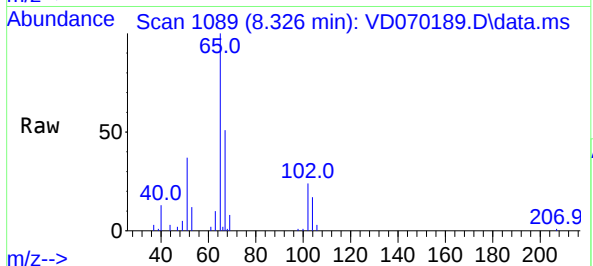




#33
1,2-Dichloroethane-d4
Concen: 97.654 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

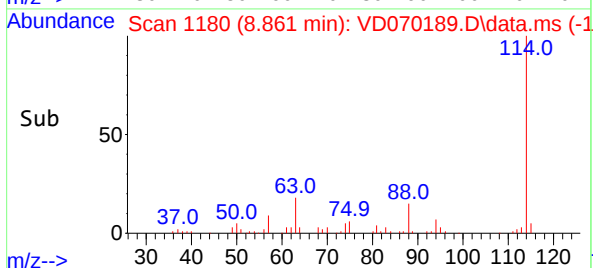
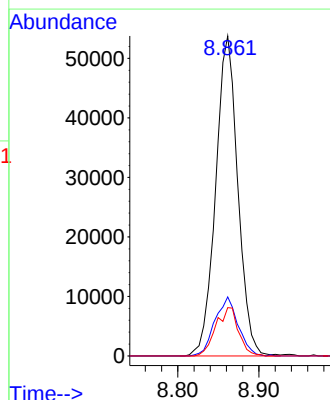
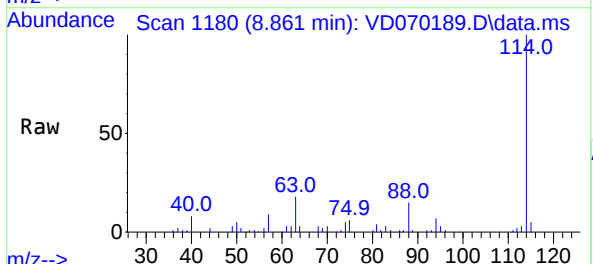
Instrument :
MSVOA_D
ClientSampled :
TP3

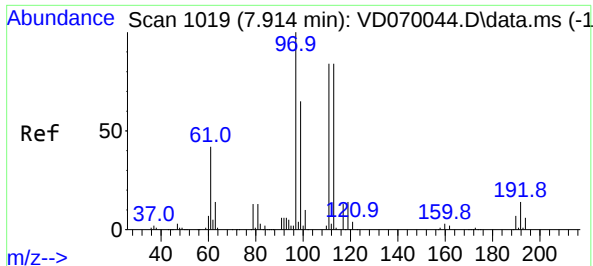
Tgt Ion: 65 Resp: 62497
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion: 114 Resp: 102217
Ion Ratio Lower Upper
114 100
63 18.4 0.0 43.6
88 15.1 0.0 33.4

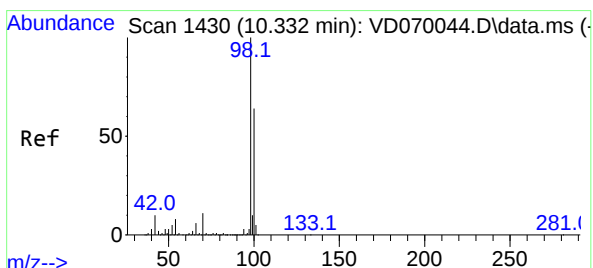
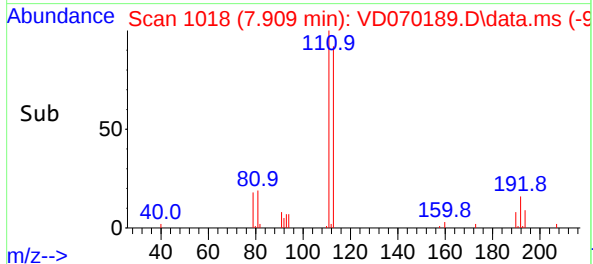
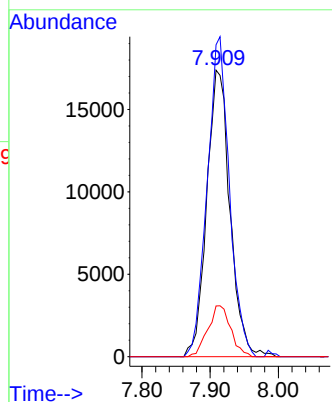
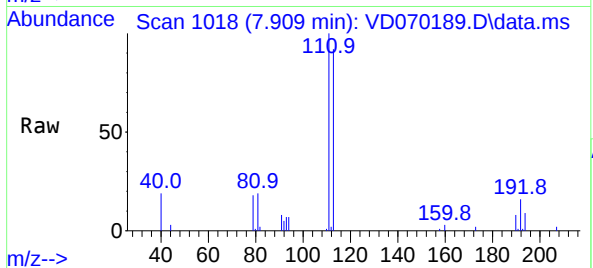




#35
Dibromofluoromethane
Concen: 62.459 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

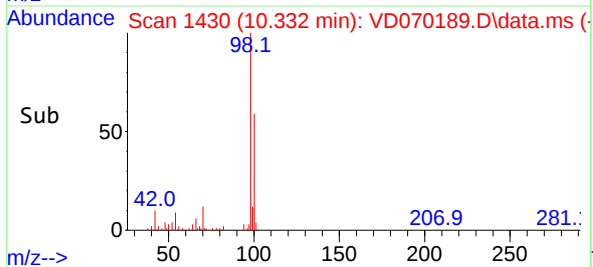
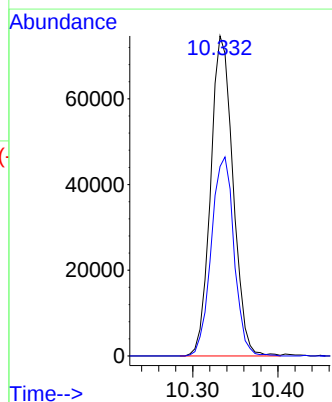
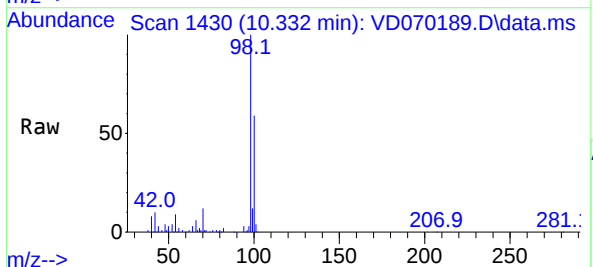
Instrument :
MSVOA_D
ClientSampled :
TP3

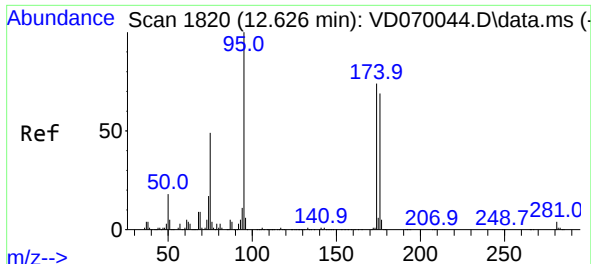
Tgt Ion:	113	Resp:	41247
Ion	Ratio	Lower	Upper
113	100		
111	106.6	81.8	122.6
192	17.5	13.2	19.8



#50
Toluene-d8
Concen: 53.091 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion:	98	Resp:	136368
Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.6	78.8

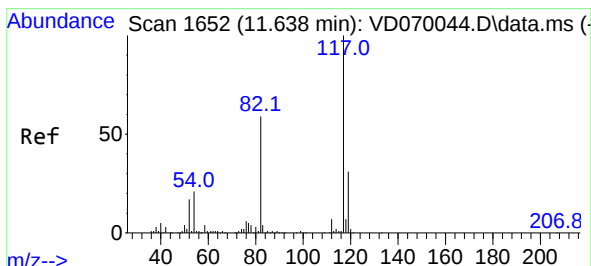
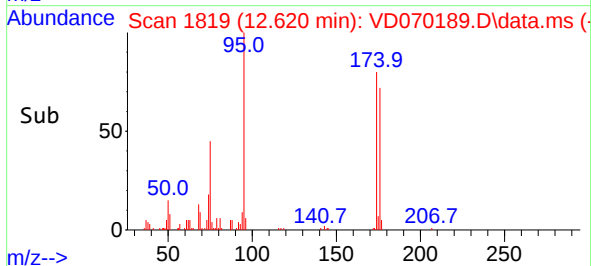
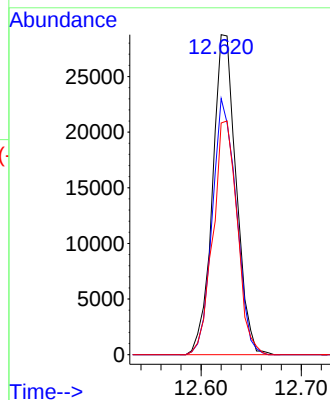
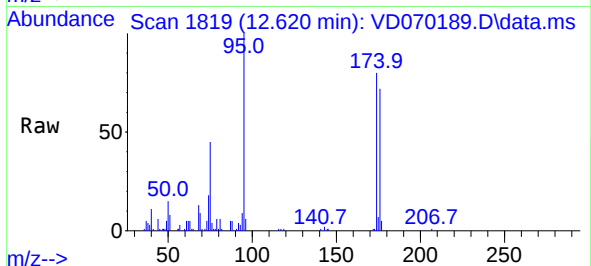




#62
4-Bromofluorobenzene
Concen: 55.563 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

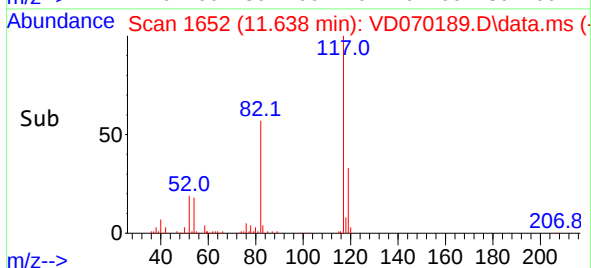
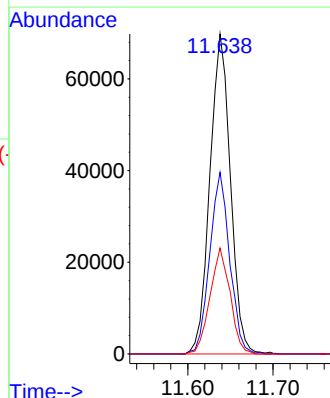
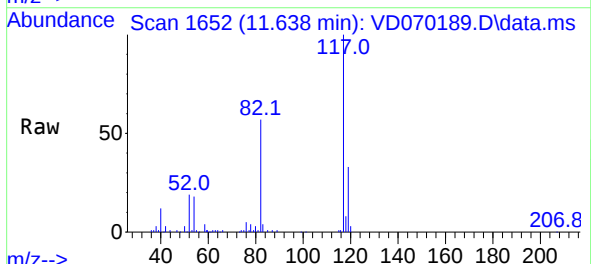
Instrument :
MSVOA_D
ClientSampled :
TP3

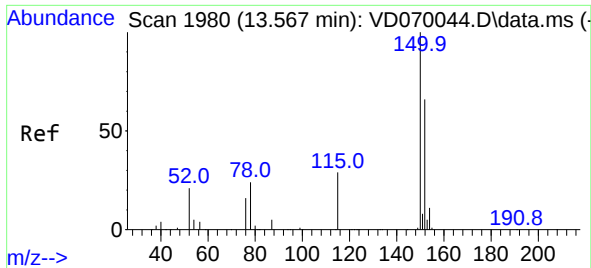
Tgt Ion:	95	Resp:	47007
Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	141.6
176	74.9	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Tgt Ion:	117	Resp:	116957
Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.5	71.3
119	33.1	25.1	37.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070189.D
Acq: 20 Aug 2021 03:16

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion:	152	Resp:	52989
Ion	Ratio	Lower	Upper
152	100		
115	58.8	31.2	93.6
150	152.5	0.0	352.0

